

AMENDMENTS

Listing of Claims:

The following listing of claims replaces all previous listings or versions thereof:

1.-38 (canceled)

39. (currently amended) A method of identifying a modulator of a Fortilin polypeptide comprising:

- (a) contacting an isolated Fortilin polypeptide comprising the amino acid sequence of SEQ ID NO:2 with a candidate substance; and
- (b) assaying whether the candidate substance disrupts p53-Fortilin or MCL1-Fortilin binding ~~enhances or inhibits the Fortilin polypeptide binding activity~~, wherein a candidate substance that disrupts p53-Fortilin or MCL1-Fortilin binding ~~enhances or inhibits Fortilin polypeptide activity~~ is a modulator of the Fortilin polypeptide.

40. (canceled)

41. – 45. (canceled)

46. (canceled)

47. (canceled)

48.-62. (canceled)

63. (canceled)

64. (canceled)

65. (canceled)

66. (canceled)

67. (canceled)

68. (previously presented) A method of identifying a modulator of a Fortilin polypeptide comprising:

- (a) contacting a candidate modulator with isolated, recombinant cells expressing a Fortilin polypeptide comprising the amino acid sequence of SEQ ID NO:2;
- (b) measuring the level of Fortilin activity of the cell; and,
- (c) comparing the level of Fortilin activity of the cells to the level of Fortilin activity of cells not expressing a Fortilin polypeptide comprising the amino acid sequence of SEQ ID NO:2, wherein Fortilin activity is cell cycle progression or inhibition of apoptosis,

wherein a difference between the level of Fortilin activity indicates that the candidate modulator is a modulator of a Fortilin polypeptide.

69.-78. (canceled)

79. (previously presented) The method of claim 68, wherein the candidate substance is a polypeptide.

80. (previously presented) The method of claim 79, wherein the polypeptide is an antibody.

81. (previously presented) The method of claim 68, wherein the candidate substance is a nucleic acid.

82. (previously presented) The method of claim 81, wherein the nucleic acid comprises at least 20 contiguous nucleotides identical or complementary to SEQ ID NO:1.

83. (previously presented) The method of claim 68, wherein the candidate substance is a small molecule.

84.-87. (canceled)

88. (previously presented) The method of claim 68, wherein the candidate modulator acts directly on a Fortilin gene or Fortilin RNA.

89.-92. (canceled)

93. (canceled)

94. (canceled)

95. (canceled)

96. (canceled)

97. (canceled)

98. (canceled)

99. (canceled)

100. (canceled)

101. (canceled)